

FIG. 1

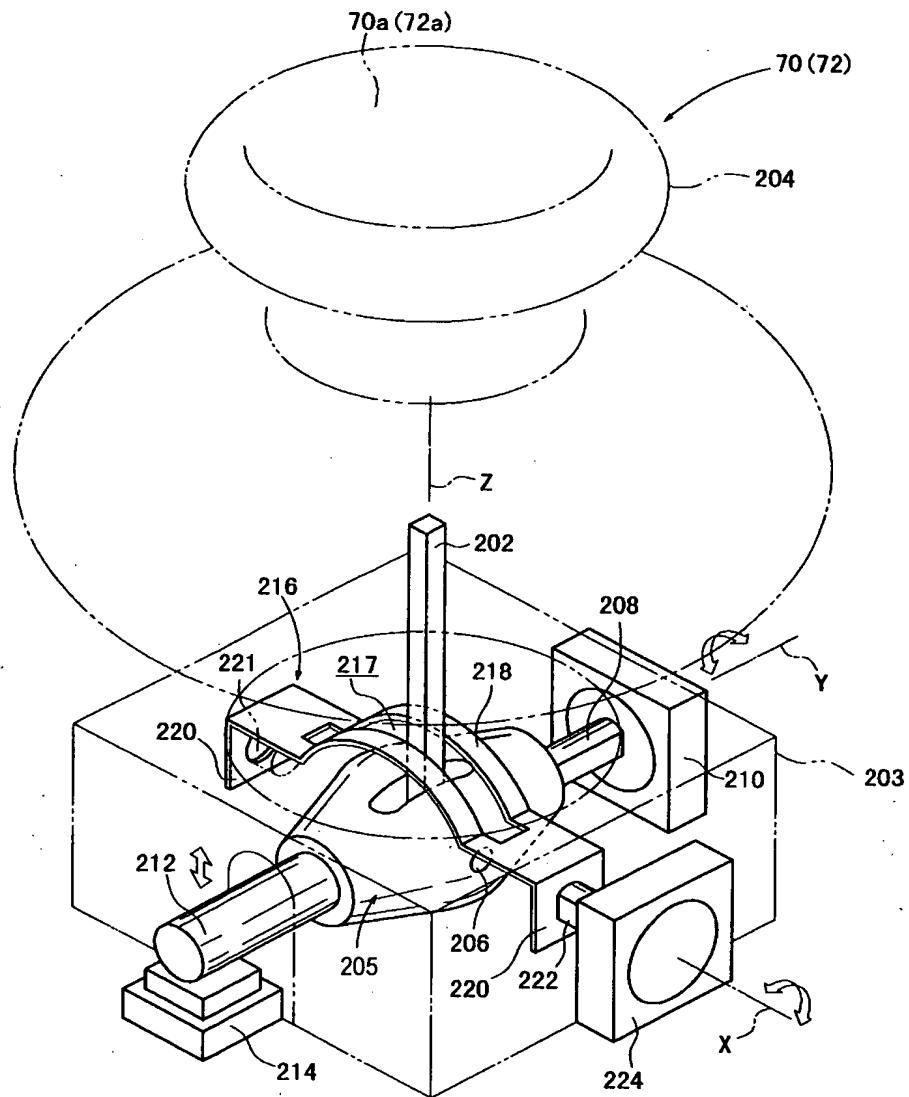


FIG. 2

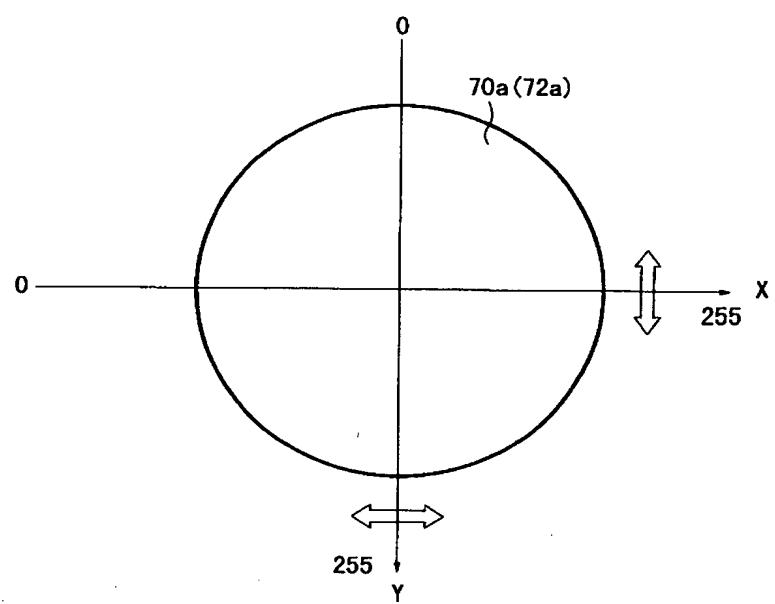


FIG. 3

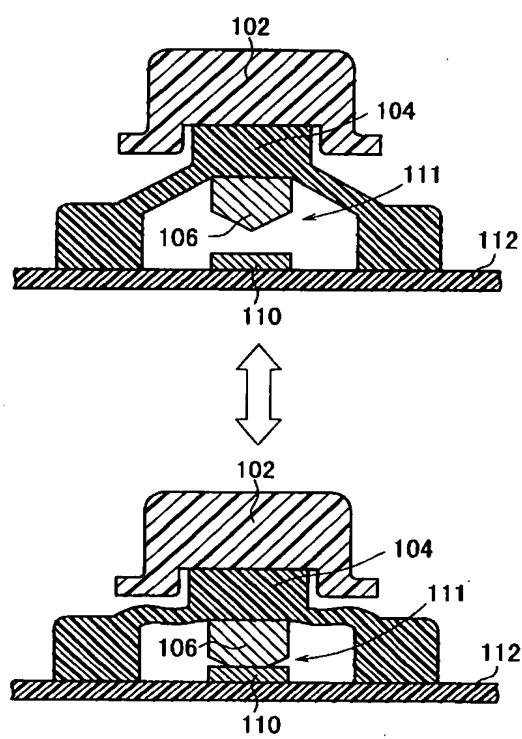


FIG. 4

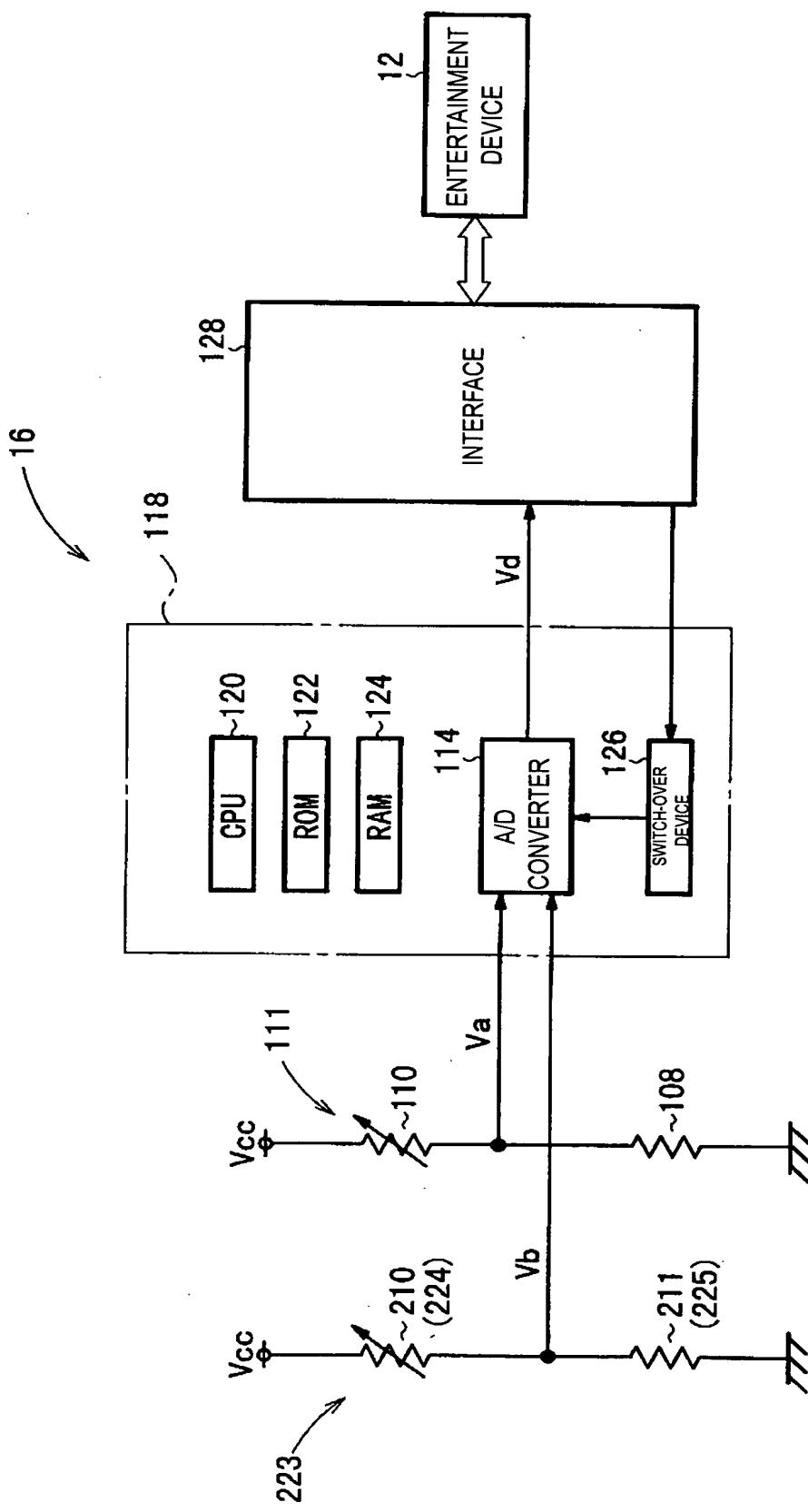


FIG. 5

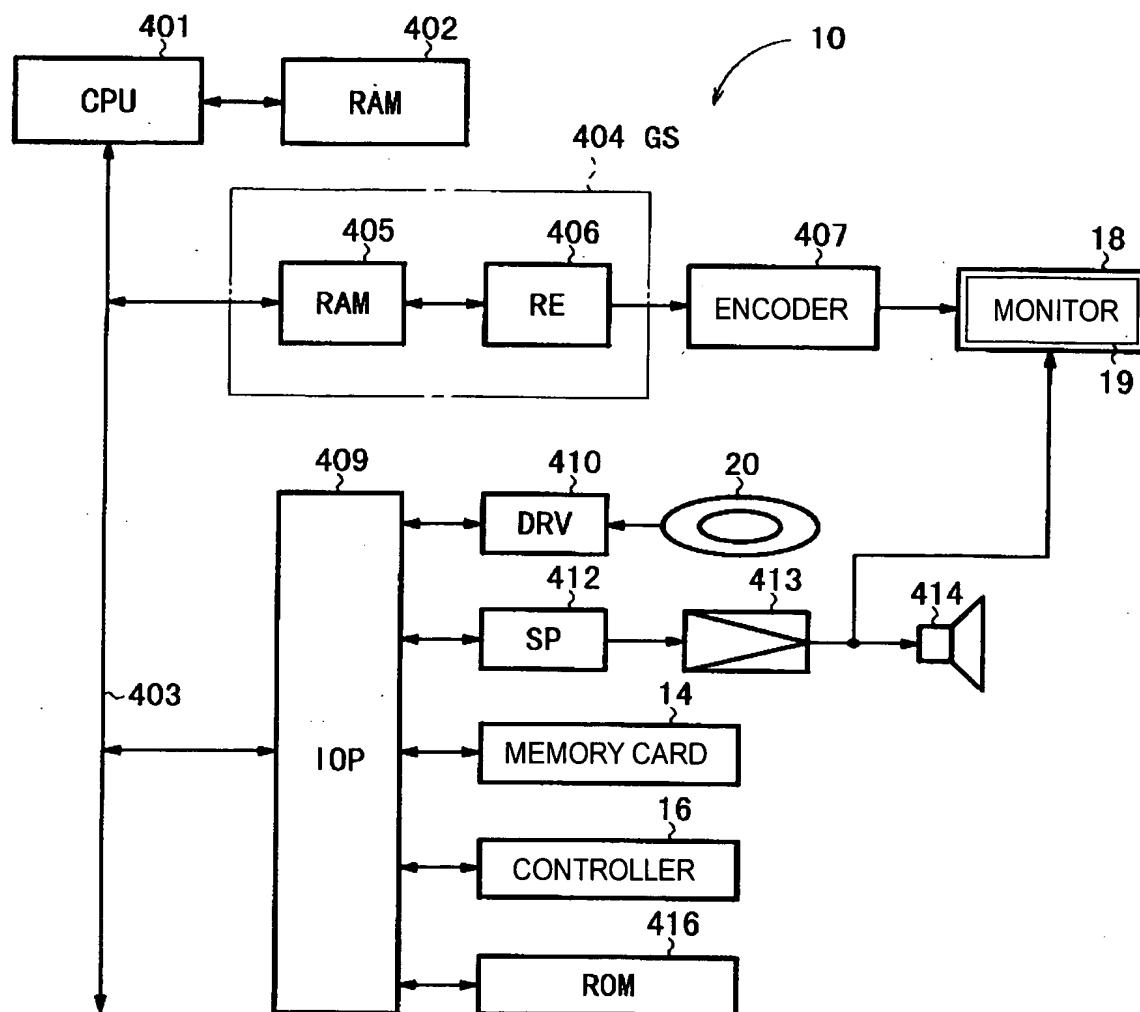


FIG. 6

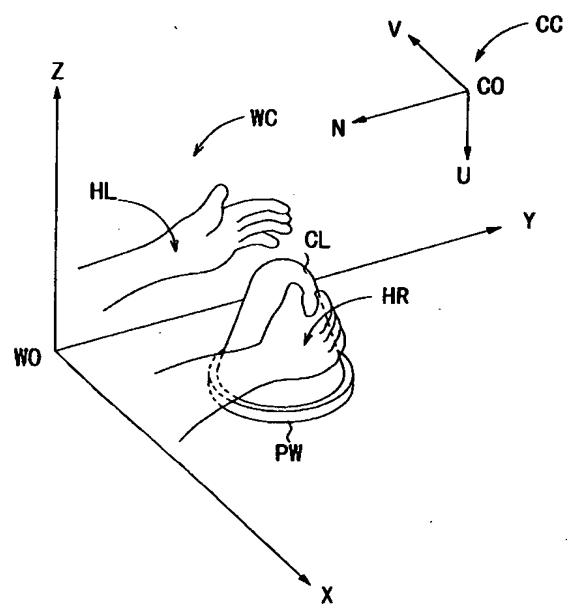


FIG. 7

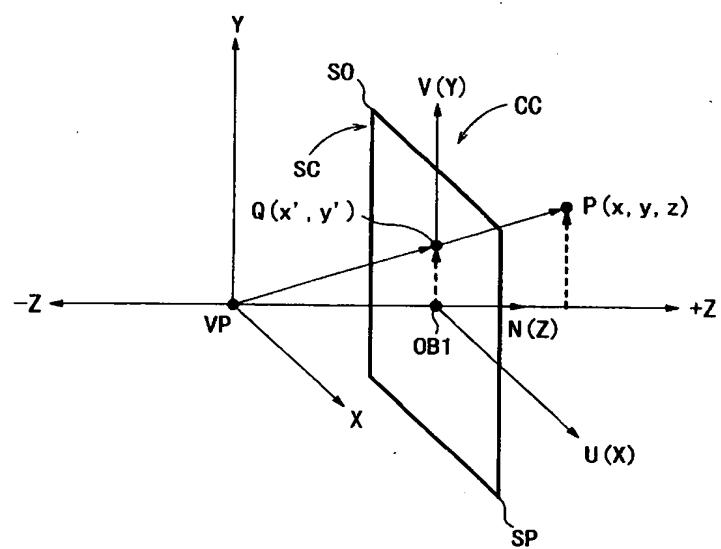


FIG. 8

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OPERATING OUTPUT VALUE V _b	PERCENTAGE R $\left(\frac{\text{MAGNITUDE OF COMMANDED FORCE}}{\text{MAXIMUM VALUE THAT CAN BE COMMANDED}} \right)$
0	1
1	$\frac{126}{127}$
126	$\frac{1}{127}$
127	0
128	$\frac{1}{128}$
254	$\frac{127}{128}$
255	1

FIG. 9

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OPERATING OUTPUT VALUE V_a	PERCENTAGE R	MAGNITUDE OF COMMANDED FORCE MAXIMUM VALUE THAT CAN BE COMMANDED
0		1
1		$\frac{1}{255}$
254		$\frac{254}{255}$
255		1

FIG. 10

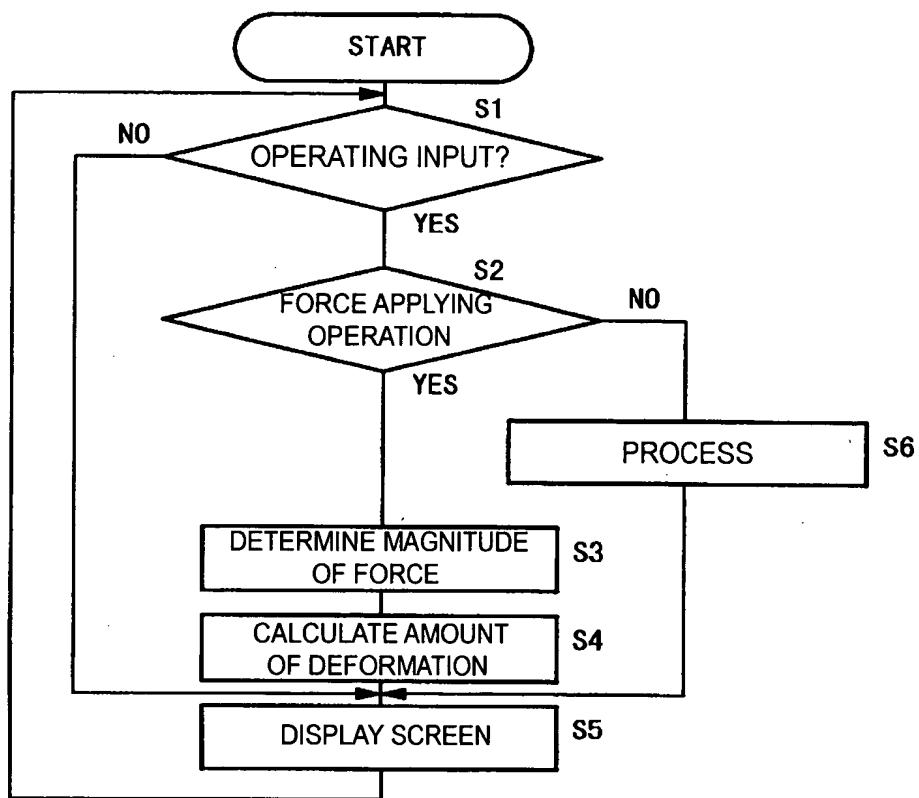


FIG. 11

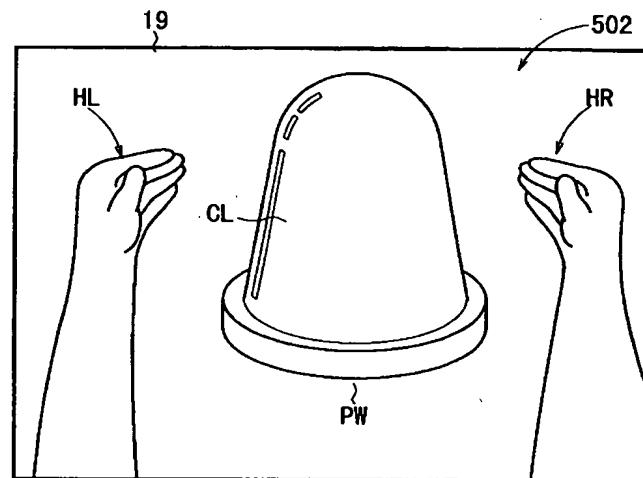


FIG. 12

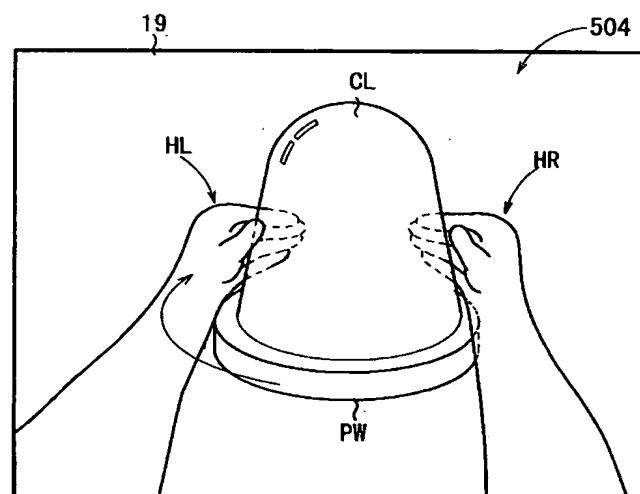


FIG. 13

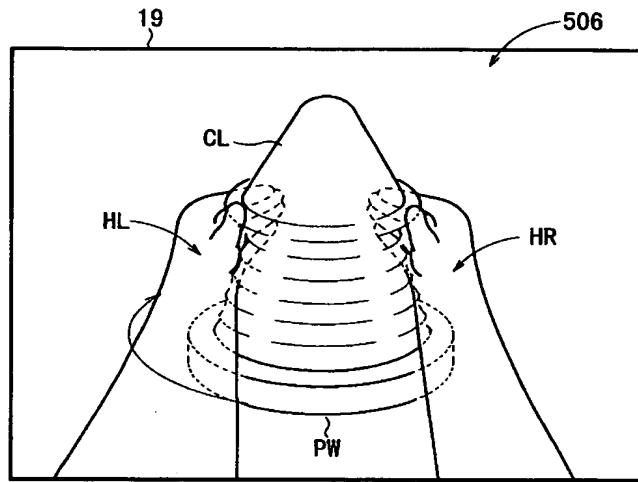


FIG. 14

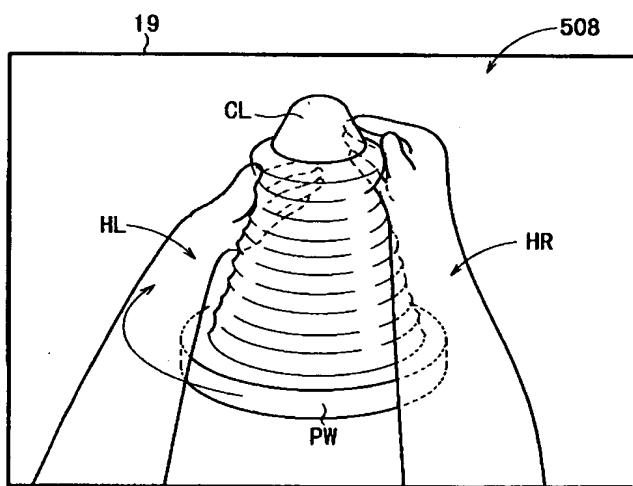


FIG. 15

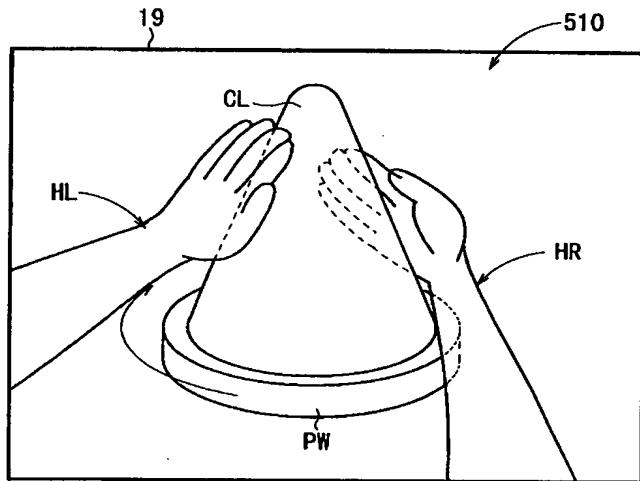


FIG. 16

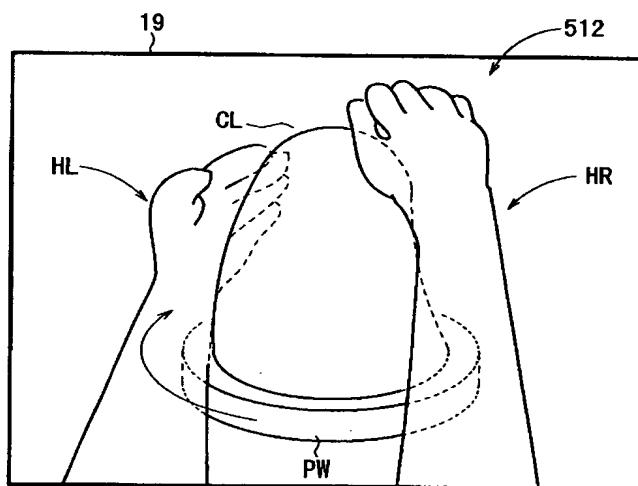


FIG. 17

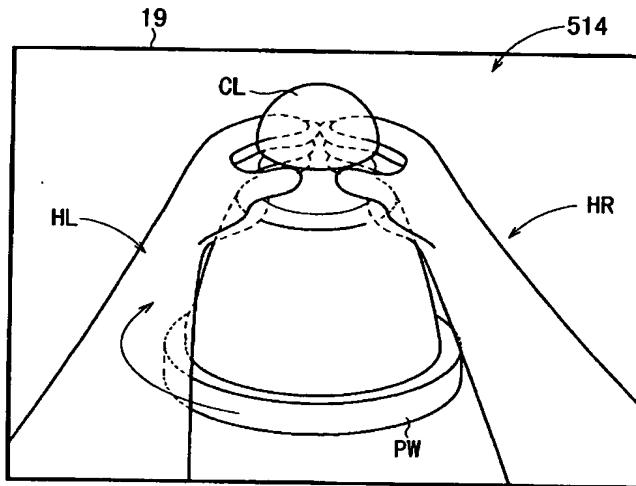


FIG. 18

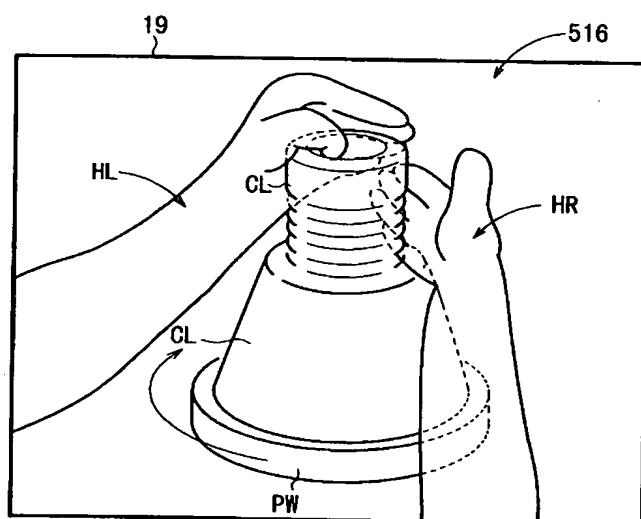


FIG. 19

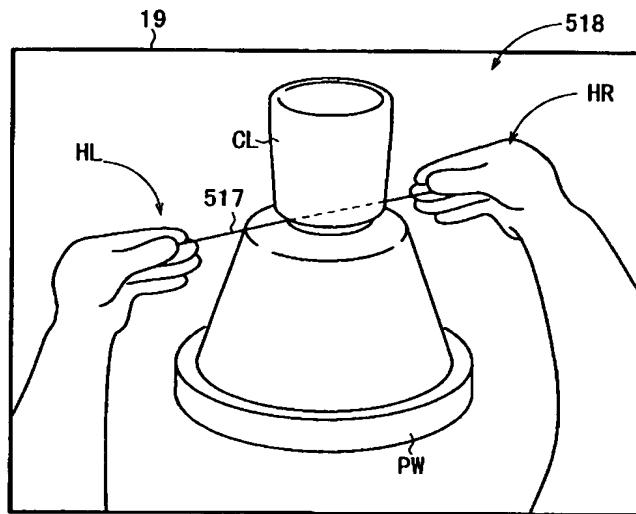


FIG. 20

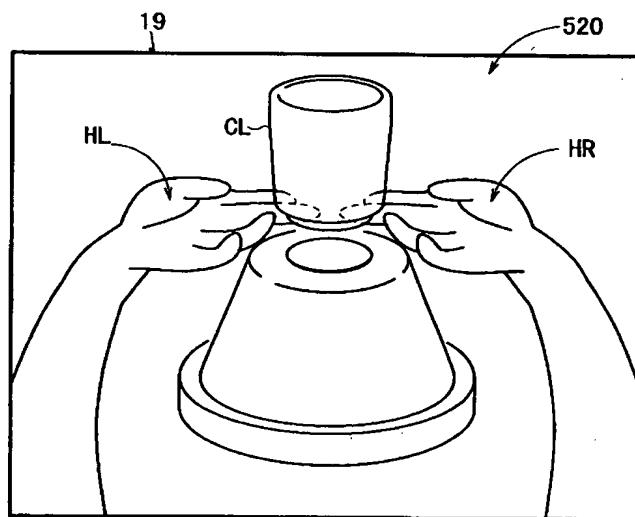


FIG. 21

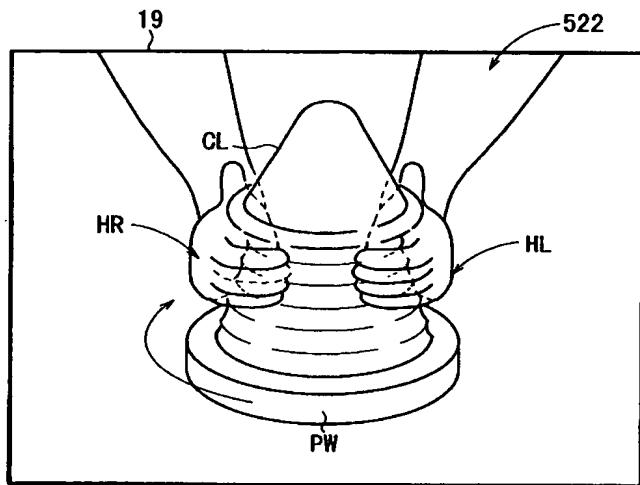


FIG. 22

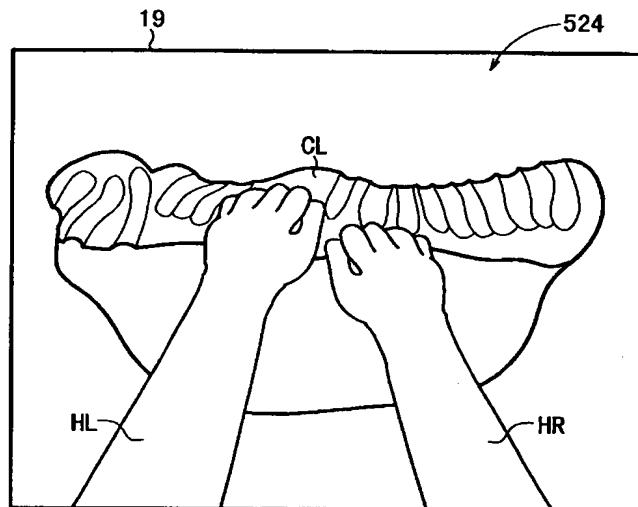


FIG. 23

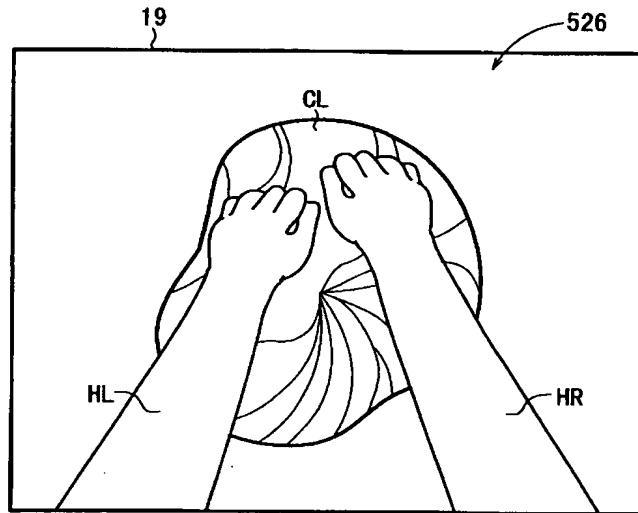


FIG. 24

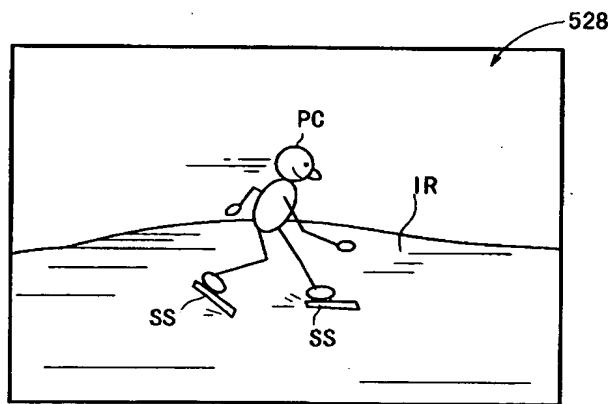


FIG. 25

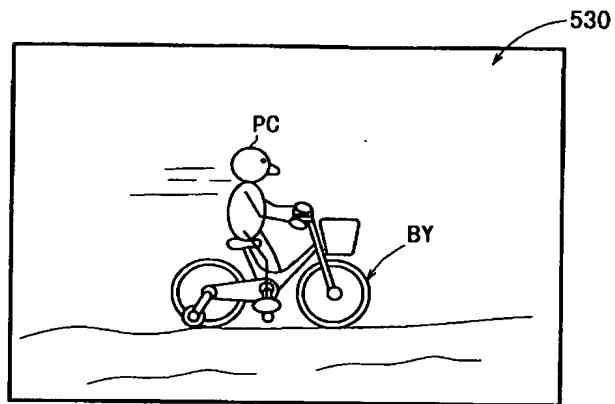


FIG. 26

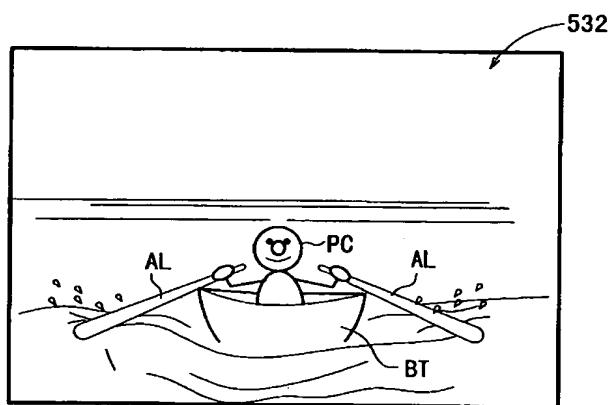


FIG. 27